Index of Claims



Application No.

10/613,836

Examiner

Applicant(s)

CHIN-LAI SU

Art Unit

Mark Tsidulko

2875

| <b>√</b> | Rejected |
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| =        | Allowed  |

- (Through numeral) Cancelled

Restricted

N Non-Elected
I Interference

A Appeal
O Objected

| Cla      | aim      | Date       |              |          |  |              | C        | Date     |   |                 |                |          |              |              |  |   | CI       | Claim    |          |          | Date     |          |          |                  |                                |          |          |           |   |               |          |               |
|----------|----------|------------|--------------|----------|--|--------------|----------|----------|---|-----------------|----------------|----------|--------------|--------------|--|---|----------|----------|----------|----------|----------|----------|----------|------------------|--------------------------------|----------|----------|-----------|---|---------------|----------|---------------|
|          |          | 1/3/04     |              |          |  |              |          |          |   | П               |                |          |              |              |  |   |          |          | $\Box$   | $\neg$   | $\neg$   |          | 1        |                  |                                |          |          |           |   | П             |          | П             |
| ā        | Original | 6          |              |          |  |              |          |          | l   |                 | <u> </u>       | Original |              |              |  |   |          | -        |          |          |          | ā        | Original |                  |                                |          |          |           |   |               |          |               |
| Final    | Ē.       | 12         |              |          |  |              |          |          | ı   |                 | Final          | ğ        |              |              |  |   |          | - 1      |          |          |          | Final    | j.Ë      |                  |                                |          |          |           |   |               | ١        |               |
|          | 0        | a          | }            |          |  |              |          |          |   | Ιİ              |                | 0        |              |              |  |   |          | -        |          |          |          | 1        | 0        |                  |                                |          |          |           |   |               |          |               |
| <u> </u> | 1        | v          | -            | _        | _  |              | -        |          | -   |                 | -              | 51.      |              |              |  | $\vdash$  | $\neg$   | -        | _        | $\neg$   | $\dashv$ | _        | 101      |                  | Н                              | -        |          |           |   |               | $\neg$   | $\overline{}$ |
| <u> </u> | 2        | v          | H            | _        | -  | ┢            |          | ⊢        | _   | ╌┤              | -              | 52       | ┢            | -            |  |   | $\dashv$ | _        |          | $\dashv$ | $\dashv$ | 1        | 102      |                  | Н                              |          | _        | _         |   |               | $\neg$   | _             |
|          |          | v          | $\vdash$     |          |  | -            |          |          |   | *               | -              | 53       | H            | ŀ            |  | <del>ا ا</del>  | -        | ᅱ        | -        | $\dashv$ |          |          | 103      | -                | $\vdash$                       |          |          |           | _ | $\dashv$      | $\dashv$ | $\dashv$      |
| -        | 3        |            |              | _        | _  | .            | ⊢        | <u> </u> | _   | Н               |                | 54       | ⊢∸           | -            |  | $\vdash$  | $\dashv$ | -        | -        | $\dashv$ | -        | -        | 103      | -                | $\vdash$                       |          | _        | •         |   | -             | $\dashv$ |               |
|          | 4        | ٧          | H            | _        | _  | -            | -        |          |   | $\vdash \dashv$ | -              |          | ┝            | H            |  | -   | -        | $\dashv$ | -        | $\dashv$ | -        | -        | 105      | <u> </u>         | ┝╌┤                            | -        | _        | $\dashv$  | _ |               |          |               |
|          | 5        | ٧          | L            |          | -  |              | <u> </u> | ļ        |   | Ы               |                | 55       | <u> </u>     | -            |  | $\vdash$  | $\dashv$ |          | -+       | -        | -        | -        |          |                  | Н                              |          |          |           |   | -             | $\dashv$ | $\dashv$      |
|          | 6        | 0          |              |          | ┝  | <u> </u>     |          | <u> </u> |   |                 |                | . 56     | -            |              |  | _   |          | $\dashv$ | $\dashv$ | -        | -        | <u> </u> | 106      | ├                | $\vdash$                       | _        |          |           |   |               | -        | -             |
| <u> </u> | 7        | 0          |              | _        | _  | _            | _        | _        | ļ   | ⊢               |                | 57       |              | Ш            |  | <u> </u>  | $\dashv$ | -        | _        | 4        |          | -        | 107      | ┡                |                                | -        | _        | _         |   | $\rightarrow$ |          | _             |
|          | 8        | V          | _            | _        | _  | _            | _        | _        |   | <del> </del>    |                | 58       | <u> </u>     | Ь.           | _  | _   | -        | $\dashv$ | _        | _        |          |          | 108      |                  |                                | _        | _        | _         |   |               | _        |               |
| <u> </u> | _9_      | _V_        | =            | _        | =  | =            |          |          | =   |                 |                | -59-     | =            |              |  |   |          |          |          | $\Box$   |          |          | 109      |                  | Н                              |          |          |           |   | -             |          |               |
|          | .10      | 0          | L            |          |  |              |          |          | _   | Щ               |                | 60       | <u> </u>     |              |  | _   |          | _        | _        | _        | _        |          | 110      | <u> </u>         | $\sqcup$                       |          |          |           |   | -             | _        | _             |
|          | 11_      | <u>_</u> _ |              |          |  |              |          |          |   | Ш               |                | 61       | L            |              |  |   |          | _        | _        | _        | _        |          | 111      | _                | Ш                              | _        |          |           |   | $\sqcup$      | _        | _             |
|          | 12       |            |              |          |  | $oxed{oxed}$ | L_       |          |   | Ш               |                | 62       | $\vdash$     |              | Ш  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$   | $\sqcup$ | _        | _        |          | Ц        |          | 112      | <u> </u>         | 3=                             |          |          | $\square$ |   |               |          | _             |
|          | 13       | oxdot      |              |          |  | L            | 7        |          |   | Ш               |                | 63       |              | $\Box$       |  |   |          |          |          |          |          | L.       | 113      | 13               | Ш                              |          |          |           |   |               |          |               |
|          | 14       | L          | L            |          | L  | L            | L        |          |   |                 |                | 64       | Ĺ            |              |  |   |          | I        |          | $\Box$   |          | L        | 114      | $oxed{oxed}$     | Ш                              |          |          |           |   |               | l        |               |
|          | 15       |            | _            |          |  |              |          |          |   |                 |                | 65       | L            | LĪ           |  |   |          | [        |          | _]       |          |          | 115      |                  | L                              |          |          |           |   |               | ]        |               |
|          | 16       |            |              |          |  |              |          |          |   |                 |                | 66       |              |              |  |   |          |          |          |          |          |          | 116      |                  | L.T                            |          |          |           |   |               |          |               |
|          | 17       |            |              |          |  | Π            | ΓŤ       |          |   | П               |                | 67       |              |              |  |   |          |          | $\neg$   | $\neg$   | $\neg$   |          | 117      |                  |                                |          |          |           |   |               |          |               |
|          | 18       |            |              |          |  |              |          | T        | _   | П               |                | 68       | T -          |              |  |   |          | ヿ        |          |          | $\neg$   |          | 118      |                  |                                |          |          |           |   |               |          |               |
|          | 19       |            |              |          | <del>                                     </del> |              |          |          |   |                 |                | 69       | Τ.           | Т            | <del>                                     </del> |   |          | ヿ        | T        | 寸        | _        |          | 119      |                  |                                |          |          |           |   |               |          |               |
| <b>—</b> | 20       |            |              | -        | -  | ┢            | Η.       | $\vdash$ | $\vdash$  | Н               |                | 70       |              | T            | Ė  | _   |          | $\dashv$ | T        | T        | _        |          | 120      |                  |                                | ·        |          |           |   |               |          |               |
| <u> </u> | 21       |            |              |          | -  | ١            |          |          | ·   | H               | <u> </u>       | 71       |              |              |  |   |          | $\dashv$ | 寸        | _        | $\dashv$ |          | 121      |                  |                                |          | •        |           |   | T             |          |               |
| _        | 22       | $\vdash$   | _            | $\vdash$ | _  | ┝            | ┢┈       | ┢        |   | Н               | -              | 72       |              |              |  |   | $\dashv$ | -        | -        | $\dashv$ | $\dashv$ | -        | 122      |                  |                                |          | -        |           |   |               |          |               |
| <u> </u> | 23       | $\vdash$   |              | _        | <del> </del>                                     | ├            | -        | -        | _   | H               | -              | 73       | ├            | ╁╌           |  |   | $\dashv$ | $\dashv$ | -        |          | $\dashv$ | -        | 123      | -                | $\vdash$                       |          |          |           | - |               |          |               |
| $\vdash$ | 24       | $\vdash$   |              |          | -  | ┢            | ├        | $\vdash$ | -   | Н               | -              | 74       | -            | ┢            | ┢  | _   | $\dashv$ | -        |          |          | $\dashv$ |          | 124      | <del> </del>     | $\vdash$                       |          |          |           |   | $\dashv$      |          |               |
| -        | 25       |            | -            | $\vdash$ | -  | ├            |          | $\vdash$ | -   | -               | -              | 75       | ┢            | $\vdash$     | -  | -   | $\dashv$ |          |          | $\dashv$ | _        |          | 125      | $\vdash$         | Н                              |          |          | -         |   | $\vdash$      | $\neg$   | _             |
|          |          | -          | -            | -        | -  | ╌            | ⊢        | H        | -   | Н               | -              | 76       | ┢            | ┢            | $\vdash$   | $\vdash$  | -        | -        | $\dashv$ | $\dashv$ | $\dashv$ |          | 126      |                  | Н                              | _        | _        |           |   | $\vdash$      |          | -             |
|          | 26       | _          |              | _        | -  | $\vdash$     | -        | $\vdash$ | -   | $\vdash$        |                | 77       | ├            | -            | -  | -   | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | 127      | $\vdash$         | $\vdash$                       | <u> </u> |          |           |   | $\vdash$      |          | -             |
|          | 27       | _          | _            | _        | ├  | ├            | ⊢        | $\vdash$ |   | Н               |                | 78       | -            |              | -  |   | Н        | -        | -        | -        | $\dashv$ |          | 128      | $\vdash$         | $\vdash$                       | <u> </u> | <u> </u> |           |   | $\vdash$      | -        | -             |
| <u> </u> | 28       |            | -            | _        | _  | -            |          | L        |   | $\vdash$        | _              |          | <u> </u>     |              | L  | <u> </u>  | $\dashv$ |          |          | $\dashv$ | -        |          | 120      | _                | $\vdash$                       | _        | _        | Н         |   | $\vdash$      | _        |               |
|          | 29       | _          | _            |          | _  | _            | ╙        | <u> </u> |   | Ш               | <u> </u>       | 79       | ├            | ļ.           | L  | L   | $\dashv$ |          |          | $\dashv$ | -        |          | 129      | ⊢                | $\vdash$                       | _        | _        |           | _ | $\vdash$      | $\dashv$ | $\dashv$      |
|          | 30       | ╙          | _            | <u> </u> | <u> </u>   | _            | <u> </u> | <u> </u> | <u>.                                    </u>  |                 |                | 80       |              | <u> </u>     | <u> </u>   |   | Щ        | _        | _        | -        | -        |          | 130      | <del> </del>     |                                |          |          |           |   |               | $\dashv$ | _             |
|          | 31       | ╙          |              | L_       | _  | <u> </u>     | _        | <u> </u> | L_  |                 | <u> </u>       | 81       |              |              |  | _   |          | _        | _        | _        | _        |          | 131      | _                |                                |          |          |           |   | $\sqcup$      | _        | _             |
| L        | 32       | <u> </u>   |              | L_       | <u> </u>   |              |          |          |   | Ш               | ļ              | 82       |              |              | oxdot  | L_  |          | _        | _        | _        | _        | -        | 132      | <u> </u>         | $\sqcup$                       |          |          |           |   | $\sqcup$      |          |               |
| L        | 33       | <u> </u>   |              | <u> </u> | ļ  |              |          |          | <u>L</u>  | Щ               | ļ              | 83       | _            | _            | $oxed{oxed}$                                     | Щ   | $\Box$   | _        | _        | _        | _        |          | 133      | <u> </u>         | Щ                              |          |          |           |   | $\sqcup$      | _        | _             |
| L        | 34.      | 匚          |              |          | <u> </u>   |              |          |          | <u>L</u> .  | $oxed{oxed}$    |                | 84       | _            | L.           | $oxed{oxed}$                                     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$   |          | _        |          |          |          |          | 134      | <u> </u>         | Ш                              |          |          |           |   | Ш             |          |               |
|          | 35       | L          |              | <u></u>  |  |              |          |          | $ldsymbol{ld}}}}}}$ | Ш               |                | 85       | <u> </u>     | _            | _  | $ldsymbol{ld}}}}}}$ |          |          | _        | _        | _        | L_       | 135      | <u> </u>         | Ш                              |          |          |           |   | Ш             |          |               |
|          | 36       | L          |              |          |  | 匚            | 匚        |          |   |                 |                | 86       |              | L            |  |   |          |          |          |          | _        |          | 136      | <u> </u>         | Ш                              |          |          |           |   | Ш             |          |               |
|          | 37       |            |              |          |  |              | L        |          | <u> </u>  |                 |                | 87       | $oxed{\Box}$ |              |  | _   |          |          |          |          |          | L        | 137      | _                | Ш                              |          |          |           |   | Ш             |          |               |
|          | 38       | L          |              |          |  |              |          |          |   |                 |                | 88       |              |              |  |   |          |          |          | $\Box$   |          |          | 138      |                  |                                |          |          |           |   |               |          |               |
|          | 39       |            |              |          |  |              | <u> </u> |          | Ĺ   |                 |                | 89       | L            | L            | Ľ  |   |          |          |          |          |          |          | 139      |                  | Ш                              |          |          |           |   |               |          |               |
|          | 40       |            |              |          |  |              |          |          |   |                 |                | 90       |              |              |  |   |          |          |          |          |          |          | 140      |                  | $oxedsymbol{oxedsymbol{oxed}}$ |          |          |           |   |               |          |               |
|          | 41       |            |              | П        |  | Г            | T        |          |   | П               |                | 91       |              |              |  |   |          |          | $\neg$   |          | $\neg$   |          | 141      |                  |                                |          |          |           |   |               |          |               |
|          | 42       |            |              | П        | $\vdash$   | <u> </u>     | 1        |          |   | П               |                | 92       | ľ            |              | П  |   | $\Box$   | $\neg$   | $\neg$   |          | $\neg$   |          | 142      | Г                | $\Box$                         |          |          |           |   |               |          |               |
|          | 43       | $\vdash$   | $\vdash$     |          | _  | · · ·        |          | Г        |   | П               |                | 93       |              |              |  |   | П        | 一        | $\neg$   | 寸        | 7        |          | 143      | Г                |                                |          |          |           |   |               |          |               |
| <u> </u> | 44       | Т          |              | $\vdash$ |  | 1            | $\vdash$ | $\vdash$ |   | H               |                | 94       | Т            | П            | $\vdash$   | $\Box$  | $\vdash$ |          | $\dashv$ | _        | 1        | -        | 144      |                  | $\Box$                         | _        |          |           |   | $\Box$        |          |               |
| <b>—</b> | 45       | $\vdash$   | ┢            | $\vdash$ | <del>                                     </del> |              |          | $\vdash$ | $\vdash$  | H               |                | 95       | $\vdash$     | Т            | $\vdash$   | $\vdash$  | $\vdash$ |          | -        | $\dashv$ | $\dashv$ |          | 145      | 1                | $\vdash$                       |          |          |           |   | Н             | _        |               |
|          | 46       | $\vdash$   | <del> </del> | $\vdash$ | -  | -            | $\vdash$ | $\vdash$ | $\vdash$  | Н               |                | 96       | $\vdash$     | Н            | $\vdash$   | H   | $\vdash$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | <u> </u> | 146      |                  | H                              |          | -        | H         |   | $\vdash$      | -        |               |
|          | 47       | -          |              | $\vdash$ | -  | ├-           | -        | $\vdash$ | H   | ${f H}$         | <del>  -</del> | 97       | $\vdash$     |              | $\vdash$   | $\vdash$  | $\vdash$ | -        |          | -+       | $\dashv$ | -        | 147      | -                | $\vdash$                       | -        |          | Н         |   | $\vdash$      | $\dashv$ | _             |
| -        |          | $\vdash$   | $\vdash$     | H        | -  | ├            |          | -        | ├   | Н               |                | 98       | ╁            | -            | $\vdash$   | $\vdash$  | Н        | $\dashv$ | -        | -        | $\dashv$ | <u> </u> | 148      | <del>  -  </del> | $\vdash$                       |          |          | $\vdash$  |   | $\vdash$      | -        | _             |
|          | 48       | -          | $\vdash$     | $\vdash$ | -  |              | -        |          | -   | $\vdash\vdash$  |                | 99       | ├            | ├-           | <del> </del>                                     |   | $\vdash$ | -        | -1       | -        | $\dashv$ | $\vdash$ | 149      | -                | $\vdash$                       |          |          | Н         | - | $\vdash$      | -        | $\dashv$      |
| <u> </u> | 49       | ├          | $\vdash$     | $\vdash$ | -  | ├            | -        |          | ⊢   | $\vdash \vdash$ |                | 100      | ├-           | <del> </del> | -  | <u> </u>  |          | -        | -        | +        | $\dashv$ | -        | 150      | -                | $\vdash$                       |          |          | $\vdash$  |   | $\vdash$      | $\dashv$ | $\dashv$      |
| Щ.       | 50       | <u> </u>   | L            |          | L  | L            | L_       | L        | Щ   | Ш               |                | 100      | L            | L_           | L  | L   | Ш        |          |          |          |          | Ц        | 100      |                  | Ш                              |          |          |           |   | Ш             |          |               |